




# Samuel Santos

Software Developer

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## ABOUT ME

With a background as a Mechanical Engineering student with experience in teaching, specifically in Mathematics and English, I bring a unique blend of problem-solving skills and attention to detail to my work. My diverse experiences have given me a comprehensive perspective and a strong ability to tackle challenges effectively.

I'm always eager to learn new things, and my commitment to a career change has led me to explore full stack web development. Coding is a fascinating tool — it allows me to be creative and understand how everything ‘behind the scenes’ works. This is something that initially drew me into software development. I'm enthusiastic and motivated to take on new challenges and build a rewarding career in this dynamic field.

Outside work you will find me strumming the strings of my guitar to my favourite rock music and playing with my dog.

## WORK EXPERIENCE

### The Lead Group | Full Stack Developer | April 2024 – Present

Volunteering at a non-profit organisation dedicated to providing guidance on lead exposure prevention and offering test kits for lead detection in homes.

As part of the development team, I'm building an e-commerce website to support the organisation's mission.

**Stack:** Next.js, React, Node.js, Express.js, Payload CMS, and MongoDB.

We use Git and GitHub for version control and Docker for containerisation and deployment.

Our development process follows Agile methodology, promoting efficient collaboration and continuous improvement.

### \_nology | Software Developer Trainee | Aug 2023 – Nov 2023

Worked on a client project fixing bugs, writing tests and implementing features on an app that tracks student performance, assessment results, and project feedback. **Stack:** MySQL, Typescript & NestJS on the backend & Typescript and React on the frontend.

### The Styling Project | Removalist | May 2019 – Feb 2022

Managed the organisation of the warehouse, making sure the furniture was clean and damage free as well as the transportation of the furniture to clients.

### Centro de Cultura Britânica Red Lion | English Teacher Mar 2017 - Jul 2018


Prepared and delivered English lessons for diverse age groups, including children, teenagers and adults.





## PORTFOLIOS

-  Portfolio
-  GitHub

## PROJECTS

**Pet Sitting Services**   
Full stack app that allows you to request or provide pet sitting services.  
**Tech stack:** React, Express, Typescript, MySQL and Tailwind.

**E-commerce**   
Full stack fake e-commerce platform that sells candles.  
**Tech stack:** React, Sass and Firebase/Firestore.

**Employee Creator**   
Application used to manage employees' information.  
**Tech stack:** React, Typescript, Spring, MySQL and Tailwind.

## KEY SKILLS

- React & Next.js
  - Node.js & Express
  - Java 8/Spring
  - Nest.js
  - SQL & MySQL
  - Firestore
- JavaScript & Typescript
  - Tailwind CSS
  - CSS/SASS
  - HTML
  - e2e & unit testing

## EDUCATION

**Full Stack Engineer Program**  
\_nology - Nov 2023

**Leadership & Management  
Advanced Diploma**  
Pacific Training Group - April 2022

**Bachelors of Mechanical Engineering**  
Federal Center for Technological Education of Minas Gerais - June 2015

## REFERENCES

Ernest Thomas  
Project Manager at The Lead Group  
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0412 235 909

Peter Roche  
CEO at The Styling Project  
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